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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

JC860 U.S. PTO  
10/16/01

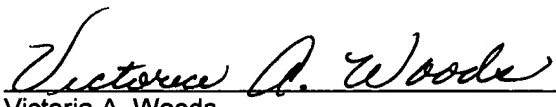
J1017 U.S. PTO  
09/978434  
10/16/01

In re Application of:	)	PATENT APPLICATION
	)	
Inventors: Wei Pan, David R. Evans and	)	
Sheng Teng Hsu	)	
	)	
Serial No.: Not Yet Assigned	)	Attorney Docket No.
	)	SLA 0499
Filed: Herewith	)	
	)	
Title: METHOD OF CONTROLLING	)	
THE INITIAL GROWTH OF CVD	)	
COPPER FILMS BY SURFACE	)	
TREATMENT OF BARRIER	)	
METALS FILMS	)	

**CERTIFICATE OF MAILING BY "EXPRESS MAIL"  
UNDER 37 C.F.R. § 1.10**

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Date of Mailing: October 16, 2001

I hereby certify that this correspondence is being deposited with the United States Postal Service, utilizing the "Express Mail" Post Office to Addressee" service addressed to Box PATENT APPLICATION, Assistant Commissioner for Patents, Washington, DC, 20231 and mailed on the above Date of Mailing with the above "Express Mail" mailing label number.

  
Victoria A. Woods  
Signature Date: October 16, 2001

Box PATENT APPLICATION  
Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

Transmitted herewith for filing is a patent application identified as follows:

09/978434 10/16/01

Inventors: Wei Pan, David R. Evans and Sheng Teng Hsu

Title: METHOD OF CONTROLLING THE INITIAL GROWTH OF CVD  
COPPER FILMS BY SURFACE TREATMENT OF BARRIER  
METAL FILMS

No. of pages in Specification: 11 No. of Claims: 14

No. of sheets of Drawings: 2 Formal:     , Informal: X

Also enclosed are:

- X A Declaration.
- X ✓ An Assignment and Recordation Form Cover Sheet.
- X Power of Attorney by Assignee.
- A certified copy of a priority application.
- A Verified Statement to establish small entity status.
- X An Information Disclosure Statement under 37 C.F.R. §1.56.

The filing fee pursuant to 37 C.F.R. §1.16 is determined as follows:

No. Filed	No. Extra		Rate Small Entity/ Other Than Small Entity		
Basic Fee			\$370.00 \$740.00	=	\$ 740.00
Total Claims <u>14</u> - 20	<u>0</u>	X	\$ 9.00 \$18.00	-	\$ 00.00
Independent Claims <u>4</u> - 3	<u>1</u>	X	\$ 42.00 \$ 84.00		\$ 84.00
First Presentation of Multiple Dependent Claim(s)	(0)		\$14 `10.00 \$280.00		\$ 00.00
			Total		\$ 824.00

- If the difference is less than zero, enter "0".

X Please charge Deposit Account No. 19-1457 in the amount of \$ 864.00 to cover the filing fee ( \$824.00) and assignment recording fee ( \$ 40.00).  
A duplicate copy of this authorization is enclosed.

— A check in the amount of \$ 00.00 to cover the filing fee ( \$ 00.00) and assignment recording fee ( \$00.00) is enclosed.

X The Commissioner is hereby authorized to charge underpayment of any fees, (including those listed below), or credit any overpayment associated with this communication to Deposit Account No. 19-1457.  
A duplicate copy of this authorization is enclosed.

X Any additional filing fees under 37 C.F.R. § 1.16.

X Any patent application processing fees under 37 C.F.R. § 1.17.

Correspondence Address

In accordance with 37 C.F.R. §1.34(a), please direct all correspondence in this application to the following:

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Respectfully submitted,

Date:

Oct 16, 2001

By

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